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DATE MAILED: 06/06/2006

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/829,129	04/21/2004	Chung-I Wang	386998051US	5438
25096 7.	590 06/06/2006		EXAMINER	
PERKINS COIE LLP			NGUYEN, DUNG T	
PATENT-SEA			ART UNIT	PAPER NUMBER
P.O. BOX 1247			ARTONI	17d ER NOMBER
SEATTLE, W	A 98111-1247		2871	

Please find below and/or attached an Office communication concerning this application or proceeding.

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• `	Application No.	Applicant(s)				
Office Action Symmony	10/829,129	WANG ET AL.				
Office Action Summary	Examiner	Art Unit				
	Dung Nguyen	2871				
The MAILING DATE of this communication app Period for Reply	ears on the cover sheet with the c	orrespondence address				
A SHORTENED STATUTORY PERIOD FOR REPLY WHICHEVER IS LONGER, FROM THE MAILING DA - Extensions of time may be available under the provisions of 37 CFR 1.13 after SIX (6) MONTHS from the mailing date of this communication. - If NO period for reply is specified above, the maximum statutory period w - Failure to reply within the set or extended period for reply will, by statute, Any reply received by the Office later than three months after the mailing earned patent term adjustment. See 37 CFR 1.704(b).	ATE OF THIS COMMUNICATION 16(a). In no event, however, may a reply be tim 17 rill apply and will expire SIX (6) MONTHS from 18 cause the application to become ABANDONEI	N. nely filed the mailing date of this communication, D (35 U.S.C. § 133).				
Status						
1) Responsive to communication(s) filed on <u>14 M</u> . 2a) This action is FINAL . 2b) ☐ This						
· · · · · · · · · · · · · · · · · · ·	a) This action is FINAL . 2b) ☑ This action is non-final. Si□ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is					
closed in accordance with the practice under E	•					
Disposition of Claims						
4)⊠ Claim(s) <u>1-6,8-19 and 21-28</u> is/are pending in t	he application					
4a) Of the above claim(s) is/are withdrawn from consideration.						
5) Claim(s) is/are allowed.						
6)⊠ Claim(s) <u>1-6,8-19,21-28</u> is/are rejected.						
7) Claim(s) is/are objected to.						
8) Claim(s) are subject to restriction and/or	r election requirement.					
Application Papers						
9)☐ The specification is objected to by the Examine	г.					
10)☐ The drawing(s) filed on is/are: a)☐ accepted or b)☐ objected to by the Examiner.						
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).						
Replacement drawing sheet(s) including the correcti	Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).					
11)☐ The oath or declaration is objected to by the Ex	aminer. Note the attached Office	Action or form PTO-152.				
Priority under 35 U.S.C. § 119						
12)☐ Acknowledgment is made of a claim for foreign a)☐ All b)☐ Some * c)☐ None of:	priority under 35 U.S.C. § 119(a)	-(d) or (f).				
 Certified copies of the priority documents 	s have been received.					
2. Certified copies of the priority documents	s have been received in Application	on No				
Copies of the certified copies of the prior	ity documents have been receive	ed in this National Stage				
application from the International Bureau						
* See the attached detailed Office action for a list of	of the certified copies not receive	d.				
Attachment(s)						
1) Notice of References Cited (PTO-892)	4) Interview Summary	(PTO-413)				
 2) Notice of Draftsperson's Patent Drawing Review (PTO-948) 3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) 	Paper No(s)/Mail Da 5) Notice of Informal Pa	ite atent Application (PTO-152)				
Paper No(s)/Mail Date	6) Other:					

DETAILED ACTION

Applicants' amendment dated 03/14/2006 has been received and entered. By the amendment, claims 1-6, 8-19 and 21-28 are now pending in the application.

Applicant's arguments with respect to claims 1 and 25 have been considered but are moot in view of the new ground(s) of rejection.

Claim Rejections - 35 USC § 103

- 1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:
 - (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.
- 2. Claims 1-6, 8-19 and 21-28 are rejected under 35 U.S.C. 103(a) as being unpatentable over Liu, US Patent No. 6,549,257, in view of Takeda et al., US Patent No. 6,724,452.

Regarding the above claims, Liu discloses a liquid crystal display (LCD) device (figures 2-4) comprising:

- . two substrates (408 and 409);
- a lower substrate including a plurality of strip patterns (202/301/421-423) as claimed, pixel electrode (405), a plurality of transistor (i.e., thin film transistor TFT) inherently forming in the LCD device for driving purposes.
- an upper substrate including a multi domain pattern (303/411-414) as claimed, a common electrode (406)
 - . a liquid crystal layer (407);

. two polarizers (401 and 402).

Please not that the plurality of strip patterns and the multi domain pattern are conventionally used interchangeably forming over the lower/upper substrate.

Although Liu does not disclose the strip patterns having a slit structure, Takeda et al. do disclose that a strip patterns can be formed as a bump and/or slit structure (see figures 12A-12C). Therefore, it would have been obvious to one skilled in the art at the time of the invention was made to employ the Liu's strip patterns having slit structures as shown by Takeda et al., since it is a common practice in the art and the use of the protrusion (bump) and/or slit would be interchangeable in order to align liquid crystal molecules (i.e., forming a multi domain).

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Dung Nguyen whose telephone number is 571-272-2297. The examiner can normally be reached on Tuesday-Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David Nelms can be reached on 571-272-1782. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Application/Control Number: 10/829,129

Art Unit: 2871

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

DN 05/30/2006

Dung Nguyen
Primary Examiner
Art Unit 2871

Page 4